

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
TAKAGAKI)
)
Serial No. 09/916,250)
)
Filed: July 30, 2001)
)

For: **METHOD FOR EXTRACTION AND PURIFICATION OF
 CARTILAGE TYPE PROTEOGLYCAN**

Appendix A

Please amend the following claims as indicated according to the revision to 37 C.F.R. § 1.121 concerning a manner for making claim amendments.

1. (Currently amended) A method for preparation of crude proteoglycan comprising extracting cartilage with a solution of acetic acid of 4% ~~or more~~ to obtain crude proteoglycan.

2. (Currently amended) A method for preparation of crude proteoglycan comprising:

extracting cartilage with a solution of acetic acid of 4%
~~or more~~,

filtrating the solution obtained by said extracting to remove dregs from said solution,

centrifuging the solution obtained by said filtrating,
adding ethanol saturated with sodium chloride to the
supernatant liquid obtained by said centrifuging,
and then centrifuging said supernatant liquid with said
ethanol saturated with sodium chloride to form precipitate
containing crude proteoglycan.

3. (Currently amended) A method for preparation of crude
proteoglycan comprising:

extracting cartilage with a solution of acetic acid of 4%
~~or more,~~

filtrating the solution obtained by said extracting to
remove dregs from said solution,

centrifuging the solution obtained by said filtrating,
adding ethanol saturated with sodium chloride to the
supernatant liquid obtained by said centrifuging,

centrifuging said supernatant liquid with said ethanol
saturated with sodium chloride to form precipitate containing
crude proteoglycan,

dissolving said precipitate containing crude proteoglycan
in a solution of acetic acid of 4%,

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and then dialyzing the solution.